

Title: Cytological Imaging Systems and Methods
Inventor: Ostagaard et al.
Atty Docket No. CYM-037
Atty: John V. Forcier

Express Label No. EL934409615US

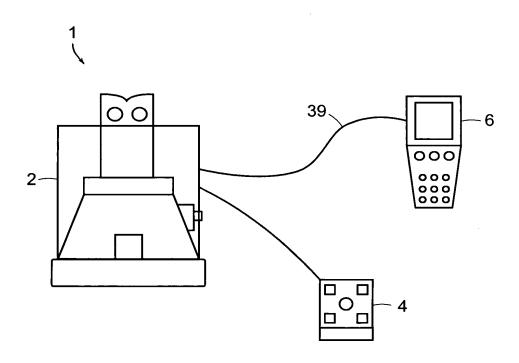


FIG. 4

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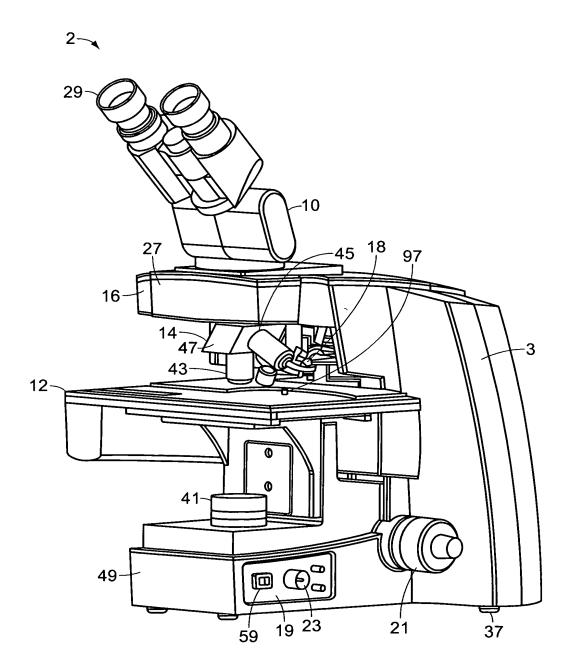
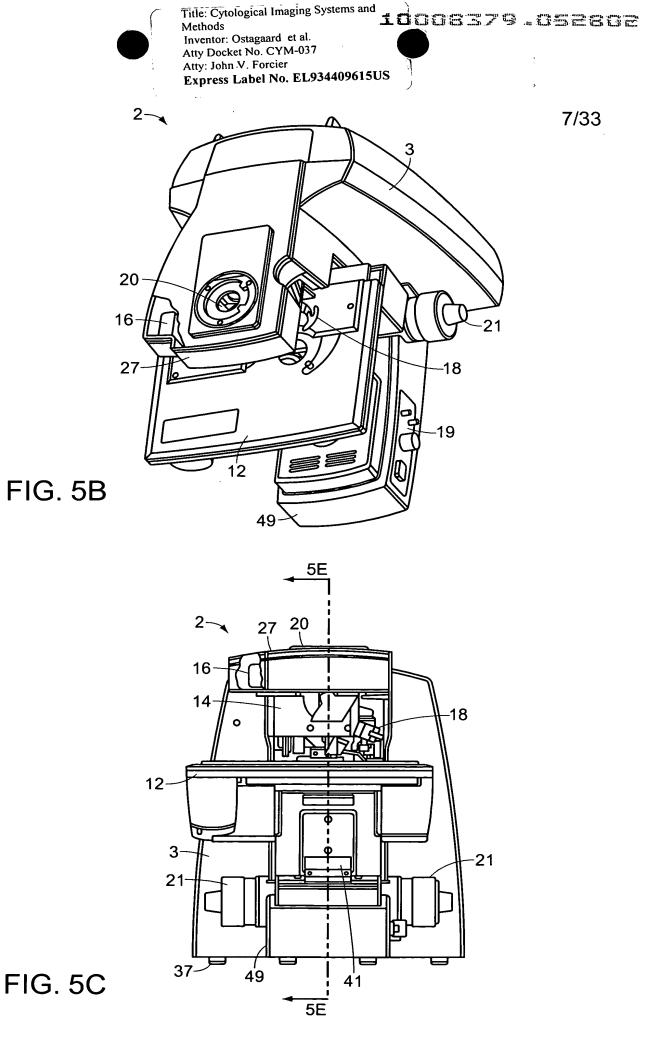


FIG. 5A



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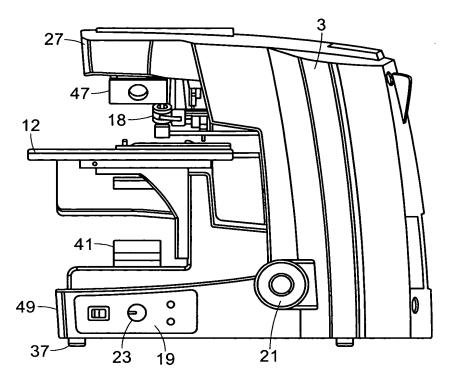


FIG. 5D

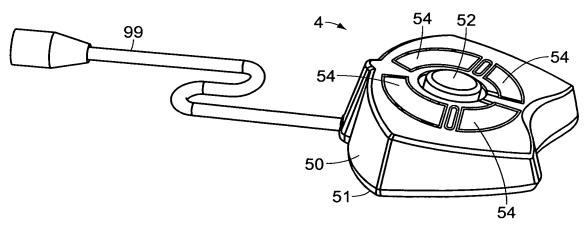


FIG. 6

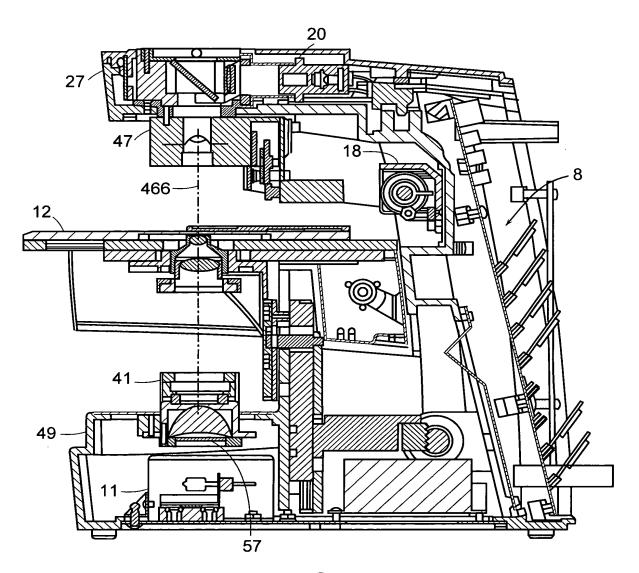


FIG. 5E

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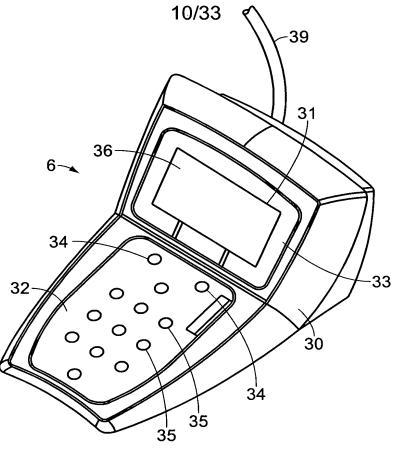


FIG. 7

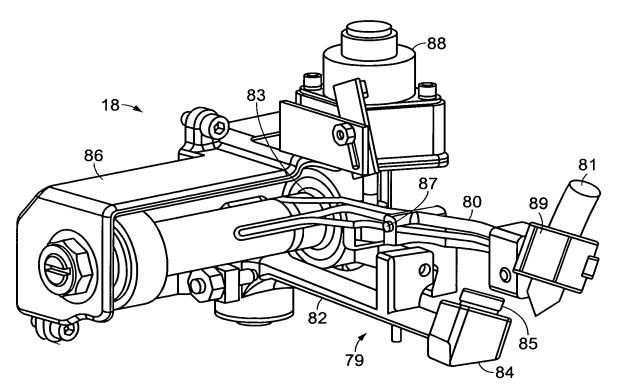
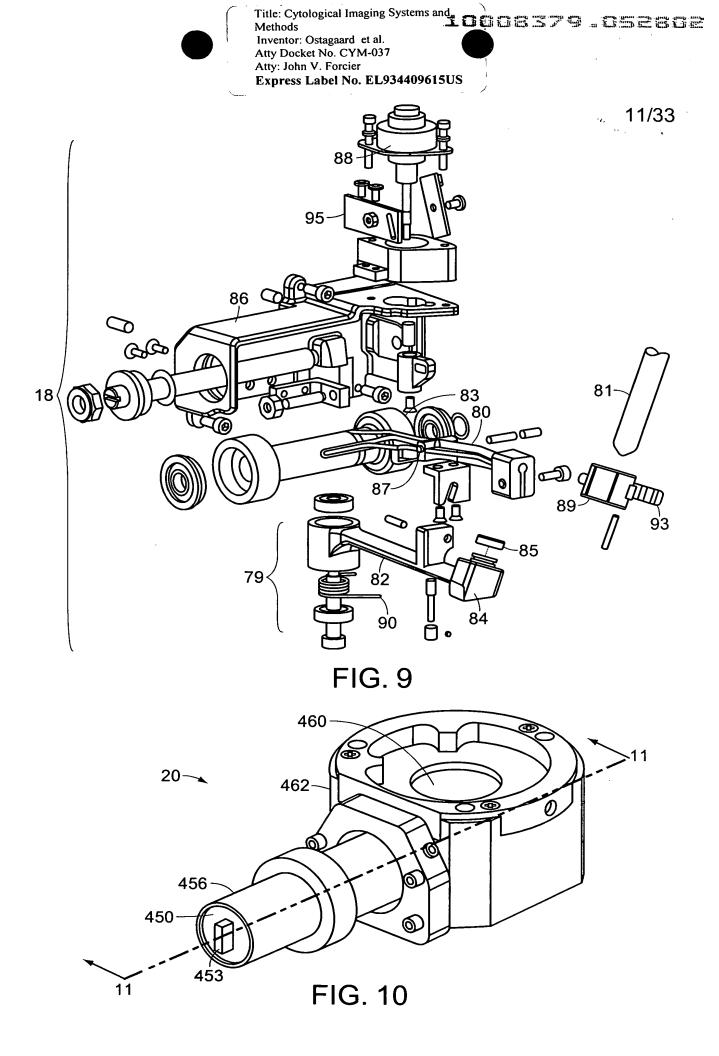
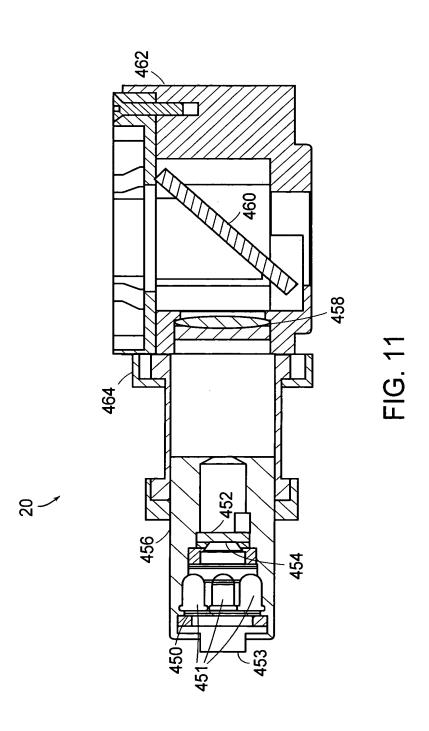
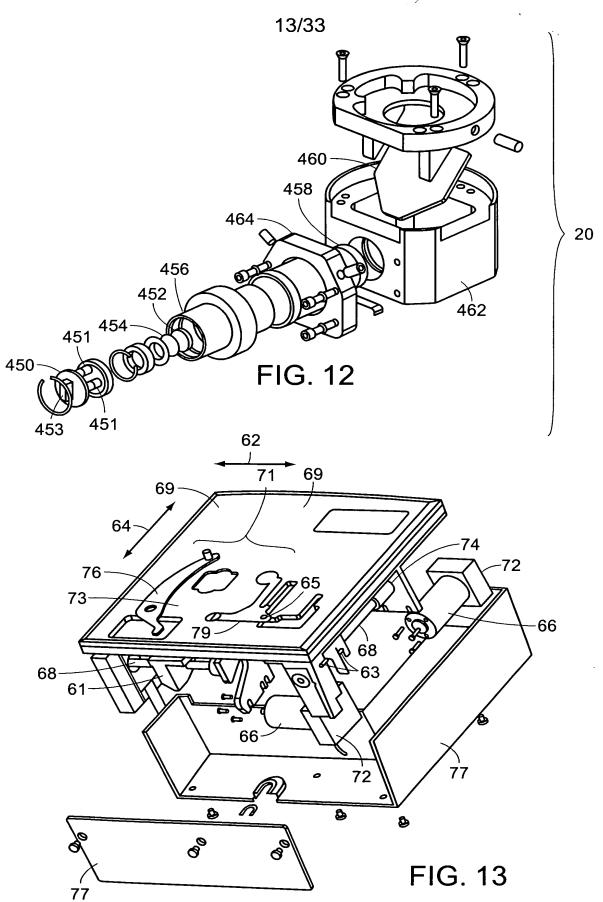


FIG. 8





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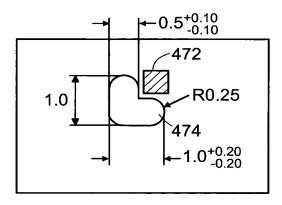


FIG. 14

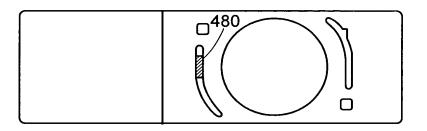


FIG. 15A

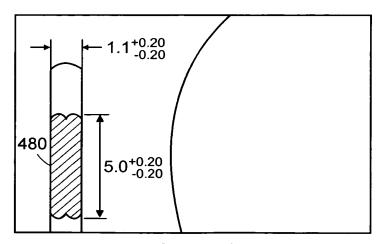


FIG. 15B

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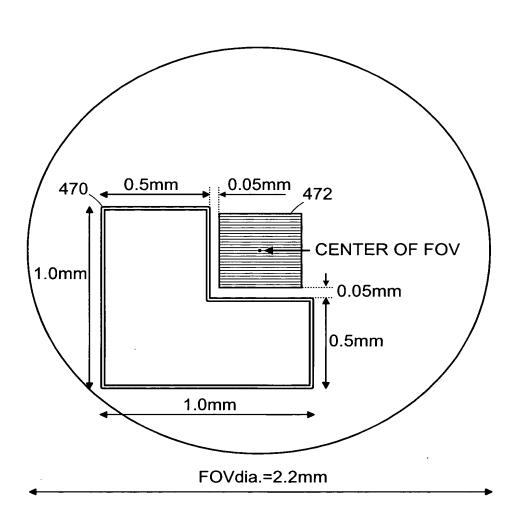


FIG. 16

Inventor: Ostagaard et al. Atty Docket No. CYM-037 Atty: John V. Forcier Express Label No. EL934409615US 16/33 ENCODER SHOW INTERMEDIATE CONNECTIONS OR ACTUAL ROUTING OF CABLES. NOTICE: DOES NOT MOTORIZED STAGE SLIDE PRESENT SENSOR X-HOME SWITCH Y-HOME SWITCH X AXIS MOTOR Y AXIS MOTOR INTENSITY POT MARK INDICATOR/ TARGET  $\widehat{\mathfrak{S}}$ 2 MARKER OBJEC. 40W POWER SUPPLY SLIDE 1/0 READER MOTORIZED NOSEPIECE NOSEPIECE 10X & 40X SENSORS LUMINATION CONTROL & BULB MOTOR HOME SENSOR INTENSITY CONTROL POTS <u>PROCESSOR</u> **REVIEW STATION** / SERVO CONTROLLER/ CONTROLLER CONTROLLER / STEPPER CONTROLLER SERIAL/ PARALLEL NTERFACE MODULES SERVO SERVO Ø DIGITAL 1/0 75W POWER SUPPLY +5,+12,-12 +24 VDC CONTROLLER W/ ETHERNET CARD RS-232 PORT PARALLEI **PCMCIA** US/TINYCLICK AD7891-1 A/D CONVERTER RS-232 ω **▲**—ETHERNET USER INTERFACE SLIDE POSITION INPUT DEVICE OBJECTIVE BUTTONS AC IN CONTROLLER CONSOLE **PREVIOUS** KEYPAD & SOFT BUTTONS DISPLA MARK NEXT 4 ဖ

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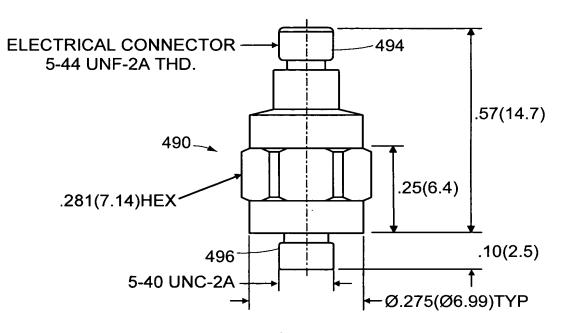


FIG. 18A

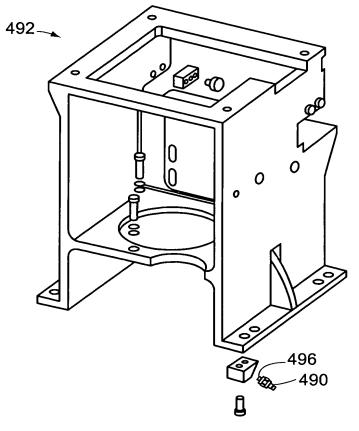


FIG. 18B

Title: Cytological Imaging Systems and Methods
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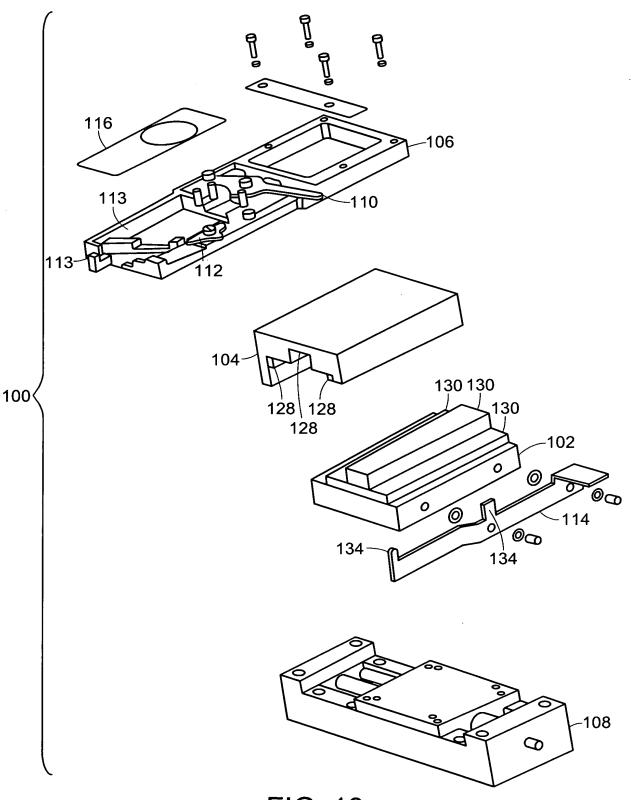
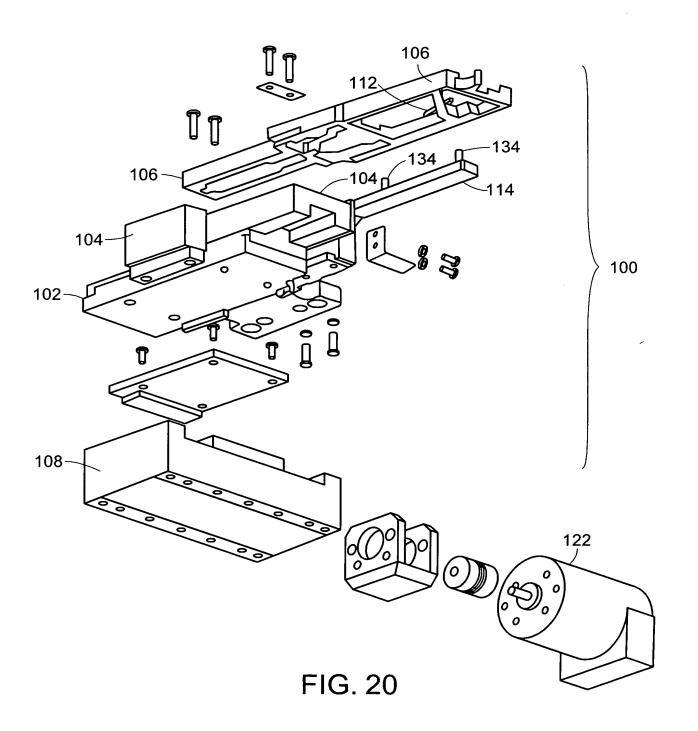


FIG. 19

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Atty: John V. Forcier Express Label No. EL934409615US

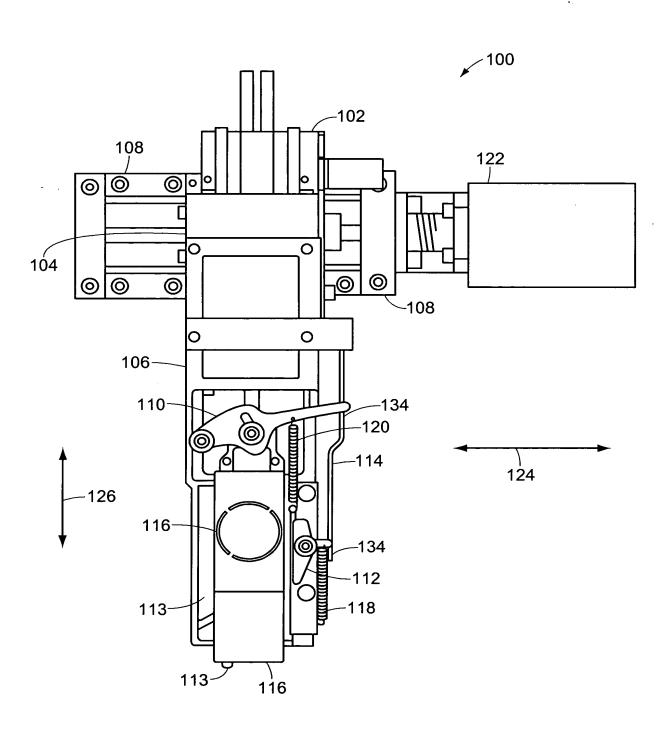
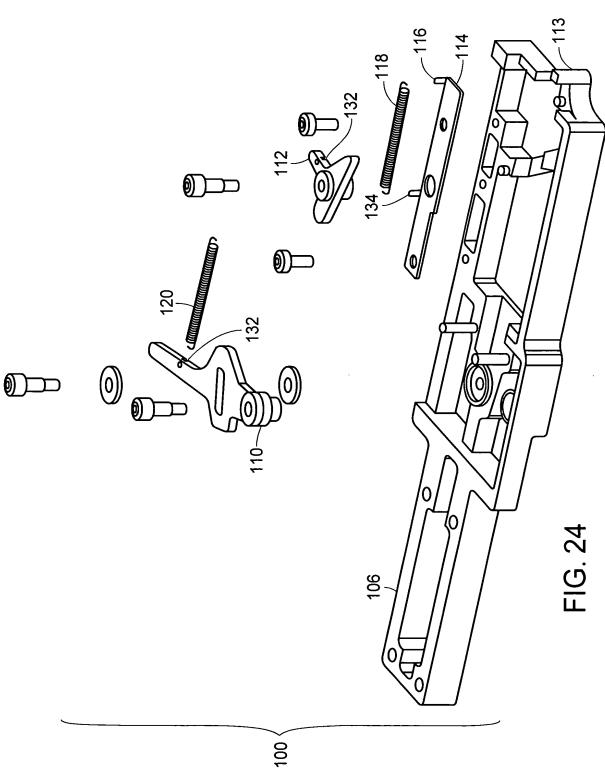


FIG. 21

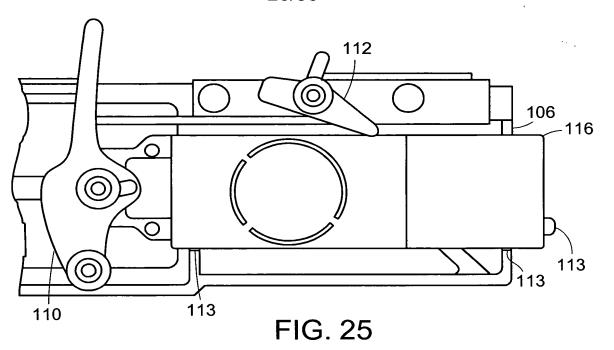
Methods Inventor: Ostagaard et al. Atty Docket No. CYM-037 Atty: John V. Forcier Express Label No. EL934409615US 21/33 -108 116--126 -112 113<sup>-</sup> FIG. 22 100 ~ 114 110 FIG. 23

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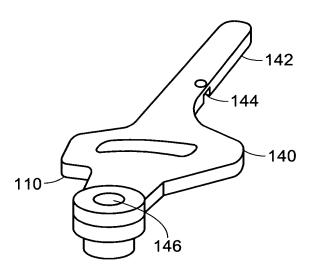


FIG. 26A

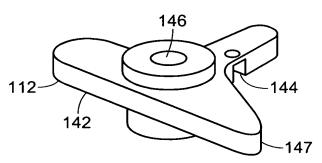
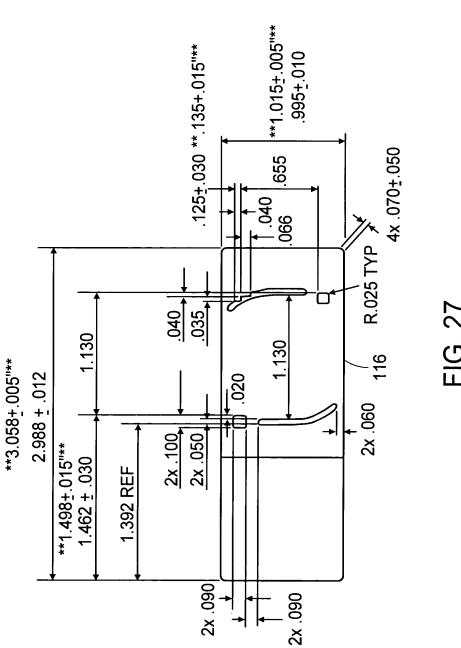


FIG. 26B

Methods

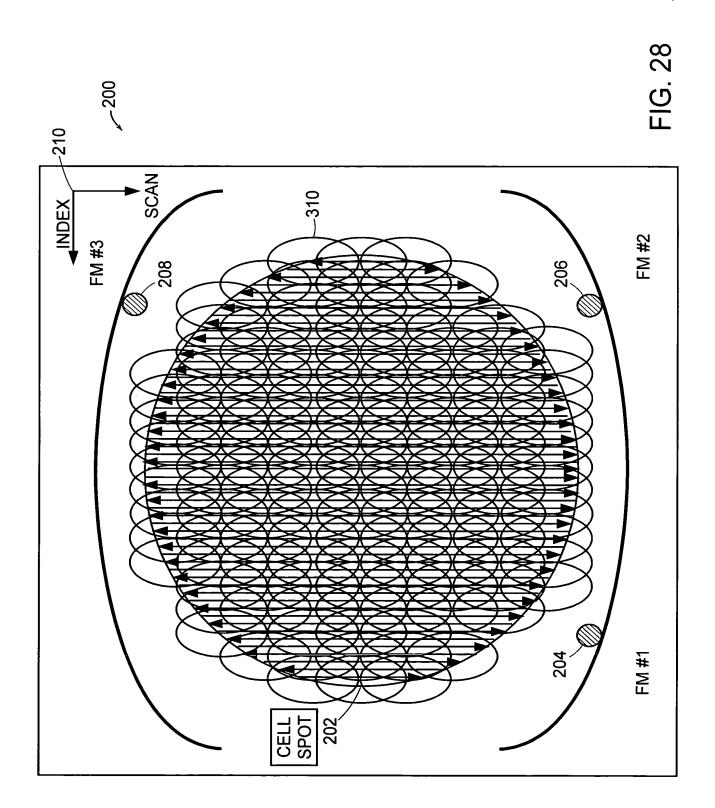
Inventor: Ostagaard et al. Atty Docket No. CYM-037 Atty: John V. Forcier

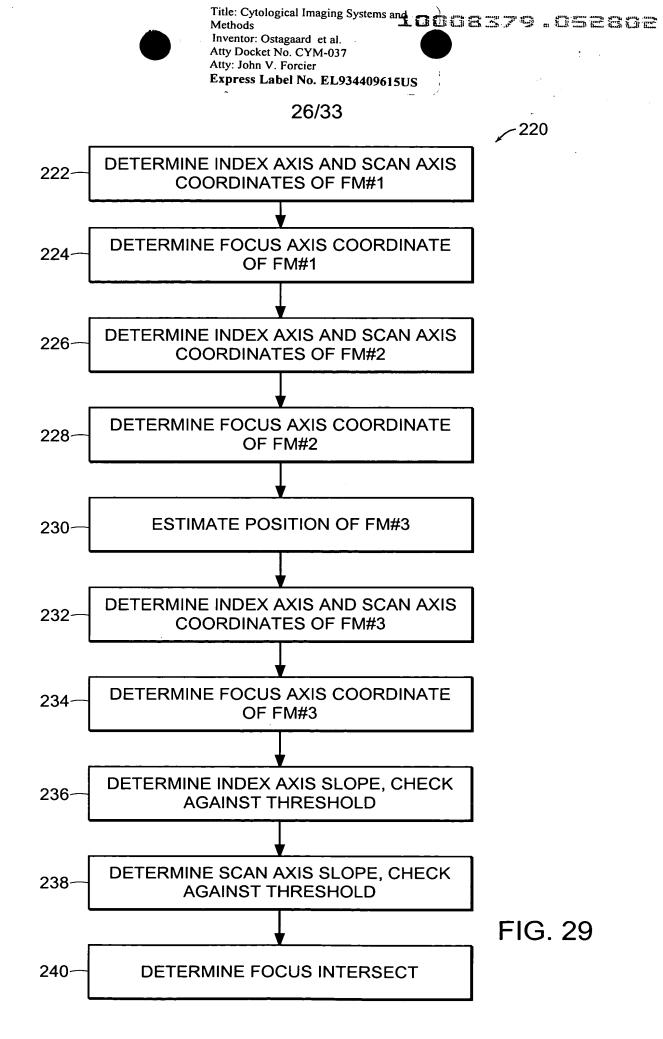
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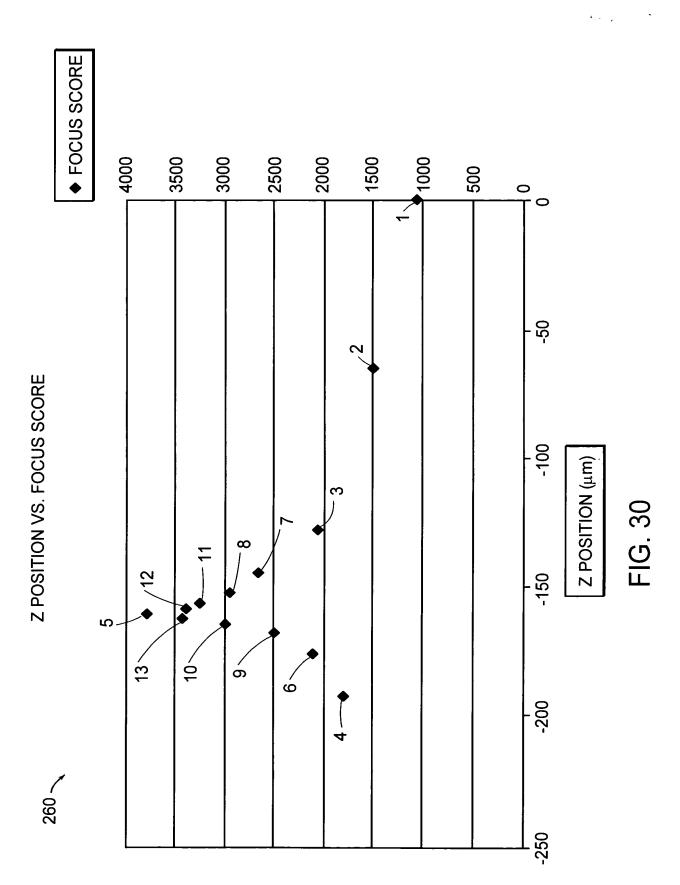
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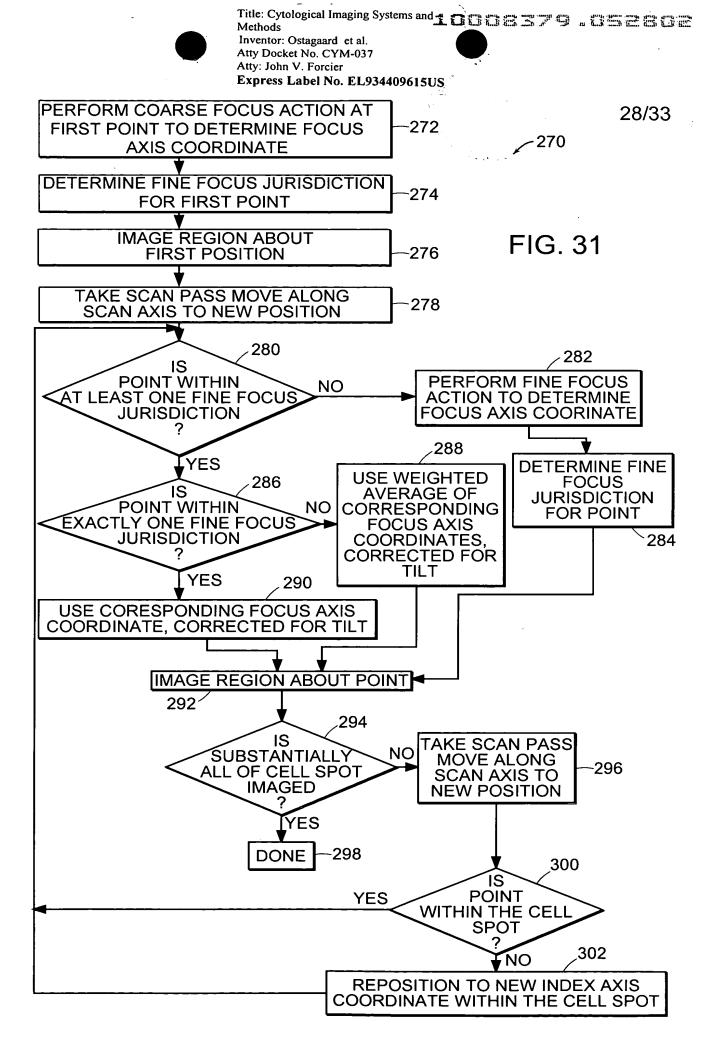




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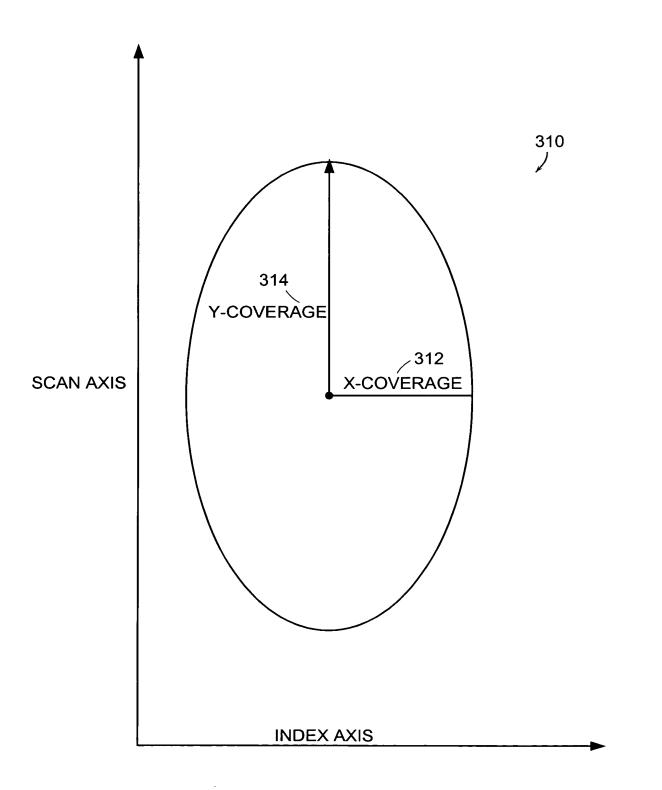


FIG. 32

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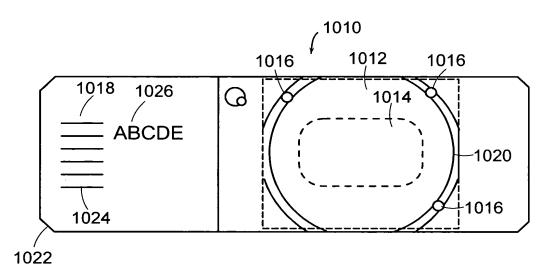


FIG. 33

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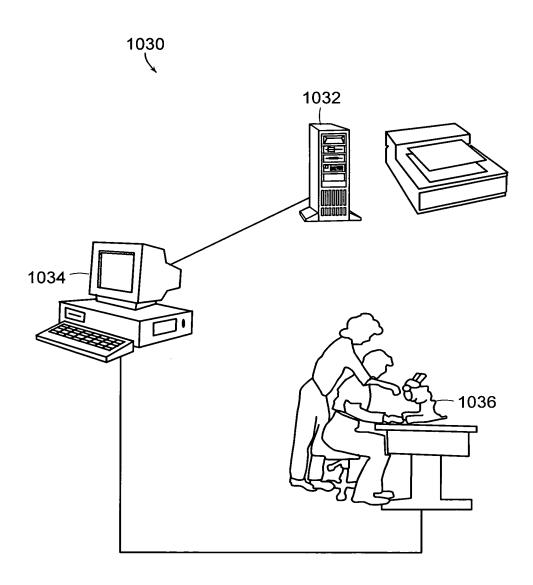
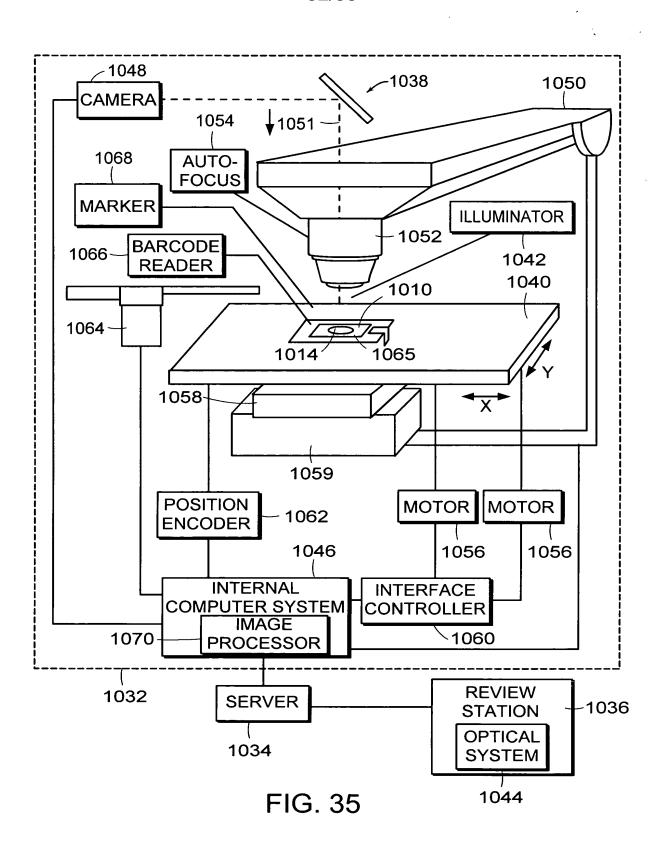


FIG. 34

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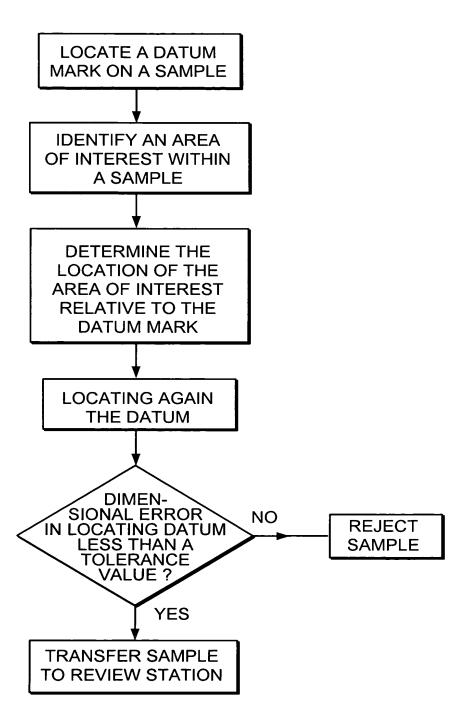


FIG. 36